

TRIBUTARIES BETWEEN PARKER DAM AND GILA RIVER

09429400 INDIAN WASH TRIBUTARY NEAR YUMA, AZ

LOCATION.--Lat 33°06'33", long 114°17'41", in NW¹/₄ sec.2, T.4 N., R.20 W. (unsurveyed), Yuma County, Hydrologic Unit 15030104, at U.S. Highway 95, 33 mi northeast of Dome.

DRAINAGE AREA.--2.56 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	09-17-63	72		1971	09-29-71	45	
1964	10-18-63	24		1972	08-00-72	29	
1965	04-03-65	37		1973	10-06-72	37	
1966	09-13-66	90		1974	07-21-74	57	
1967	10-03-66	24		1975	00-00-75	40	
1968	11-00-67	50		1976	09-25-76	61	
1969	09-06-69	43		1980	00-00-80	¹ 98	HP
1970	03-01-70	36					

¹Highest since 1976.

Magnitude and probability of instantaneous peak flow based on period of record 1963-76, 1980

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2† 50%	5† 20%	10† 10%	25† 4%	50† 2%	100† 1%
44.7	64.8	79.3	99	115	131
Weighted skew	(logs) =	0.19			
Mean	(logs) =	1.66			
Standard dev.	(logs) =	0.19			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
66.7	5.0	1,190	0.0	3.0	5.5	1.5	3.7

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